

**Final Report, Office of Naval Research
Grant N00014-99-1-0216**

Research Described in Proposal Entitled
**October 1998 Internal Solitary Wave Workshop Organization and Coastal Mixing Coastal
and Optics Web Site Coordination: Expansion of ONR Grant N00014-95-1-0633**

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This grant was supported by the Physical Oceanography Program in the Processes and Prediction Division of the Ocean, Atmosphere and Space Department of ONR. The funds defrayed expenses for two activities related to our research into mixing in the coastal ocean. One was the organization of an international meeting of researchers studying nonlinear internal gravity waves throughout the world's oceans. The other was the building of a web site for the ONR Coastal Mixing and Optics (CMO) experiment, sponsored jointly by ONR Physical Oceanography and Environmental Optics.

A report on the international meeting was published as Woods Hole Oceanographic Institution technical report WHOI 99-07. The report contained papers submitted by the participants and a list of those in attendance. The papers are also published on the internet at <http://www.whoi.edu/science/AOPE/ISW98workshop/>. The workshop was held Oct. 27-29, 1998 at the Dunsmuir Lodge, University of Victoria, BC, Canada. It was organized by Tim Duda of Woods Hole and David Farmer of the Institute of Ocean Sciences, Canada.

The internet URL of the CMO site is <http://www.whoi.edu/science/AOPE/cofdl/cmo/>. The pages are securely served by the Woods Hole Oceanographic Institution. A printout of the primary page of the website is attached as part of this report. The website provides links to web areas with information and data from the various CMO investigators, and to the website for the special issue of the Journal of Geophysical Research covering the topics of coastal mixing and coastal optics.

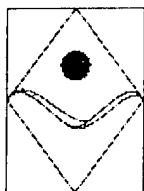
References

Duda, T. F., and D. M. Farmer, Editors, *The 1998 WHOI/IOS/ONR Internal Solitary Wave Workshop: Contributed Papers*. WHOI Tech Rept., WHOI-99-07, 251 pages, 1999.

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ONR Coastal Mixing and Optics Program (CMO)

Links to Web Sites

Coastal Mixing and Optics (CMO) Summary and Information Web Site at U. Washington/APL

This research is supported by The Office of Naval Research (ONR) Ocean, Atmosphere and Space Science and Technology Department, Physical Oceanography and Environmental Optics programs.

Personnel email data

This web page is maintained by Woods Hole Oceanographic Institution. Latest modif. 6 May 1999.

- JGR CMO Special Issue

- CMO Cruise Reports

- CMO Data Links at JHU

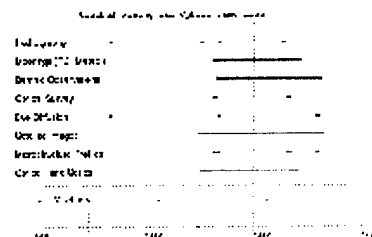
- URL's for Archived Data
- Detailed Timeline

- CMO Project Websites at Other Institutions

- Johns Hopkins U/APL: RADAR SAT and AVHRR
- UC Santa Barbara Optics and Hurricane Edouard Data
- Oregon State U: SeaSoar Surveys, Site One
- Oregon State U: SeaSoar Surveys, Site Two
- Oregon State U: Ocean optics and ocean physics
- Bedford Inst. EPSONDE Turbulent Microstructure
- University of Washington. Overview and SAS experiment
- Dalhousie University: Particle Aggregation

- CMO Project Websites at WHOI

- Mooring meteorological, wave and ctd data
- Dye Experiments Tracer Diffusion
- Response of Particulate Optical Properties
- Towed Microstructure during dye experiments



☐ SuperBASS Tripod

● **Related Experiments**

- ☐ Shelf Break Dynamics and Acoustics (PRIMER)
- ☐ Synthetic Aperture Sonar (PRIMER)
- ☐ Shelfbreak Front Dye Injection

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